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M...

DOUGLAS SCHAMEL*†, DIANE M. In sequentially polyandrous birds, a female mate switching and stored sperm. Secondary males arrive asynchronously and are recycled into the red-necked phalarope, *Phalaropus lobatus*.

...

(L... 1985; ... 1995; B... 1999; M... 2000),

A... (E... 1983; L... 1984; O... 1986).

(R... 1987; C... & O... 1988.). P... 5

A... Phalaropus lobatus, (\bar{X} = 35%, 18-62%)

(18%). N... 60%

(R... 1987). R... (1987)

(O R, ... & O... 1977),

I... P. tricolor, (68-87%)

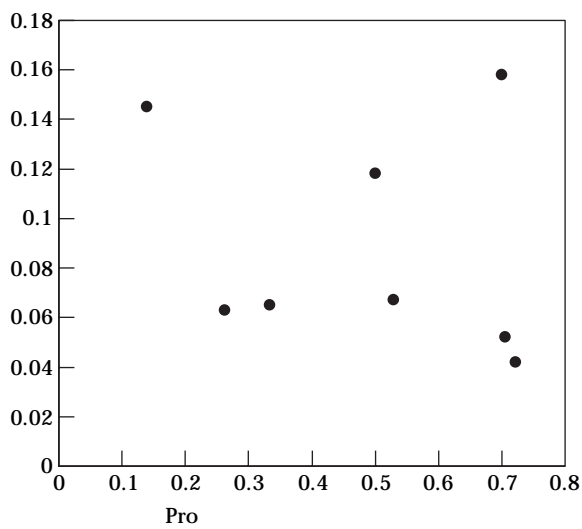
(24-36%; C... & O...

A (1) 0.3
 2+ (2)
 (3)
 B.
 (C0-, C1-, C1P-)
 A (C1P-). I
 C1P- C0- C1- C.
 2- 5-6
 (1998)
 N.
 6.
 (E 1983)
 5

Male Mate Choice

A. 80% (N = 57-93%)
 65% 81%
 M. CIP
 66% I 86% 22
 CIP
 (N = 8) (N = 11). Q
 6% (3-46)
 CIP

$$\chi^2_1 = 91.8, P < 0.0001,$$



$$\chi^2_1 = 0.02, N = 15, N).$$

DISCUSSION

O
 (1990).

Egg Production

CIP

(L. 1990).
L... CO-... C1-
(L. 2000).
Q... E...
(G. 1988; G. 1991). Q...
(L. 2000). D...

Male Availability

I... O R (L. 1985).
O R...
(L. & J. 1977; R. 1986;
C. & J. 1994). I...
(L.)

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Acknowledgments

K. ... B. A. ... F. & ...
 D. ... R. H. ... L. ... L. D. ...-M ...
 N. ... P. ...
 A. ... N. ...
 E. ... O. ... P. ... (OPP-981284),
 C. ... E. ... E. ...
 NOAA-OC EAP, ... A. ... N. ... R. ...
 H. ... G. ... B. ... R. ... D. ...
 E. ... M. C. ... M. ... R. ... D. M. ... P. K. ... R. ...
 G. ... K. O. ... L. J. ... J. C. ... A. ... C. ...
 A. ... J. ... J. ...
 D. ... C. ...

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